

ABSTRACT

A liquid polyethercarbonatediol compound, useful for producing a thermoplastic polyurethane having excellent weathering resistance, softness and stretchability, comprises a reaction product of (1) a carbonate-ester compound with (2) a polyetherdiol compound having, in the molecular structure thereof, structural units of -RO-(a) and structural units of $\text{-(CH}_2\text{)-O-(b)}$ and/or $\text{-CH}_2\text{CH(CH}_3\text{)-O-(c)}$, in which reaction product, average molecular numbers n and m of the structural units (b) and (c), per mole of the structural units (a) satisfy the requirements: $0 \leq n \leq 5$, $0 \leq m \leq 5$ and $1 < (n + m) \leq 5$.